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means of association by which ideas can be combined, might serve the same purpose in the same manner, and that the same reasoning would apply; though he only considered it necessary to follow the inquiry with regard to the large class of accidental associations which are the main ground of the ordinary work of memory.

He next entered into an inquiry as to the comparative durability of the different classes of associations. This, he observed, must depend on their distinctness, and their coherency: and hence he inferred that, generally, visible objects are the most easily recalled; and that certain combinations of sound might be next in order: after these might be reckoned the class of professional associations. He remarked upon the expedients used in the systems of artificial memory, as founded on this principle; and strongly condemned the methods, as being a substitution of false combinations, instead of those founded on the real relations of things.

The Author then went on to apply his theory to some known phenomena in derangement, dreaming, &c.: and concluded with some general statements upon the sum of his results, and the progress he had made in his inquiry.

A paper was read by Dr. Allman, containing a notice of two undescribed algæ, which clothe the face of the rock over which the water trickles in the "Dripping Well" of Knaresborough. They are referrible to the genus *Microcystis*, Menegh.

Dr. Allman also noticed the occurrence in Ireland of the genus *Phylactidium* of Kutzing, which thus becomes an addition to the British Flora. The beautiful little alga now noticed, which appears specifically distinct from *P. elegans*, Kutz., was discovered by Dr. Allman, during the autumn of 1843, in a small, rapidly running rivulet near Bandon, in the County Cork.

The following algæ were also now, for the first time, recorded as additions to the Irish cryptogamic Flora :

Calothrix mirabilis, forming little tufts attached to stones and mosses, in a small stream trickling over a rock near Clonmel.

Nostoc muscorum, on a little-used foot-path, Castleknock, County Dublin.

Nostoc sphæricum, on the surface of a moist rock, Clonmel.

Euaster rota, in a small pond near Bandon, entangled with other algæ.

Euaster oblonga, along with *Desmidium mucosum* and *D. Borreri*, in a peat pit, Sheaghy, County Cork.

Desmidium Swartzii, in an old peat pit, Howth.

Desmidium cylindricum, in an old peat pit, Howth.

Desmidium mucosum, in a peat pit, Sheaghy.

Desmidium Borreri, in a peat pit, Sheaghy.

Leptomitus pisidicola, growing on a dead Caddis-worm in Lough Bray, County Dublin.

The President read a note from the Rev. Dr. Robinson, respecting Lord Rosse's telescope.

The Secretary read a letter from Mr. Charles Bourns, giving an account of the excavation made in the interior of the Round Tower of Lusk.

Mr. W. R. Wilde made some observations on the human skulls which were presented by Mr. Bourns, and which had been found within the tower.